

Search: (EP-649896)/PN/XPN



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Patent Number: EP0649896 A1 19950426

**Process for the simultaneous production of middle distillates and lubrication oils from heavy petroleum fractions.**

(ES2148297)

**PROCEDIMIENTO PARA LA PRODUCCION CONJUNTA DE DESTILADOS MEDIOS Y DE ACEITES LUBRICANTES A PARTIR DE FRACCIONES PETROLERAS PESADAS.****Index Terms:** HYDROTREATMENT; TWO STEPS; HEAVY OIL; CATALYST; MIDDLE DISTILLATE; VISCOUS OIL

































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Process for joint production of middle distillates and of oil bases (viscosity index between 95 and 150) especially from vacuum distillates and/or deasphalted oils. The process includes a first stage in which the feedstock is brought into contact with an amorphous catalyst filled with at least one metal or metal compound which has a hydrodehydrogenating function, such as Ni, Mo, W or Co, at a temperature of between 350 and 430 DEG C, a pressure of between 5 and 20 MPa, a space velocity of between 0.1 and 5 h<sup>-1</sup> and in the presence of hydrogen in an H<sub>2</sub>/HC volume ratio = 150 to 2,000, the product originating from the first stage is brought into contact (in a second stage), with a second catalyst including a support, a zeolite Y, at least one element of group VIB and at least one metal of group VIII at a temperature of between 350 and 430 DEG C, a pressure of between 5 and 20 MPa and a space velocity of between 0.1 and 5 h<sup>-1</sup>.

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	EP0649896	A1	19950426	   
	STG:	Application published with search report		
	AP :	1994EP-0402284 19941011		
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	STG:	Application laid open		
	AP :	1994CA-2134281 19941025		
	FR2711667	A1	19950505	   
	STG:	Application for patent of invention, (first publ.)		
	AP :	1993FR-0012856 19931025		
	JP7179864	A	19950718	  
	STG:	Doc. laid open to publ. inspec.		
	AP :	1994JP-0260105 19941025		
	FR2711667	B1	19960202	   
	STG:	Patent of invention (second publication)		
	US5525209	A	19960611	   
	STG:	Patent		
	AP :	1994US-0330820 19941024		
	RU2135549	C1	19990827	  
	STG:	Patent for invention		
	AP :	1994RU-0037956 19941024		
	EP0649896	B1	20000503	  
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